

# MANIK RAJ CHAURASIA

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## PROFILE

Aspiring Software Developer with hands-on experience in Java, JavaScript, React.js, Spring Boot, and MySQL. Skilled in building scalable web applications and currently working on a Stripe PSP payment integration system using microservices architecture. Strong foundation in DSA, OOPs, RESTful APIs, and software engineering principles, with proven ability to deliver secure, efficient, and user-focused solutions.

## PROFESSIONAL EXPERIENCE

### Java Developer Trainee (Intern), HulkHireTech , Hyderabad      August 2025 — September 2025

Built a secure, scalable Stripe Payment System using Java Spring Boot microservices on AWS, implementing payment processing, status tracking, REST API integration, notifications, and error handling. Leveraged ActiveMQ for async messaging and Spring AI with OpenAI LLM for dynamic error responses.

### Backend Developer(Intern), Infosys Springboard      October 2025 — December 2025

Architected a ride-pooling backend using **Java Spring Boot** and **MySQL**. Developed secure REST APIs with **JWT**, engineered complex database schemas, and implemented **geospatial logic** for precise real-time route matching and user Stripe for payments.

## TECHNICAL SKILLS

- Programming Languages: Java
- Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), RESTful APIs , HTML ,Git/GitHub, Agile/Scrum, Unit Testing, CI/CD, Spring Boot , MySQL, SQL. JUnit, Mockito, Microservice architecture.

## PROJECTS

- **Stripe Payment Integration System**([Github Demo](#)): Designed and implemented a secure, scalable Stripe Payment Integration System using Java Spring Boot microservices, featuring modular components for session management and payment processing backed by MySQL. The solution ensured robust security via REST, Basic Auth, and HmacSHA256, while optimizing performance through ActiveMQ for asynchronous messaging and Spring AI for dynamic error handling. By applying Factory and Builder design patterns, the project delivered maintainable code and reliable status tracking, ultimately earning the STAR Performer of the Month award for successful collaboration and timely delivery.
- **SmartRideShare Web Application** ([Github Demo](#)): It is a robust backend system engineered with Java Spring Boot , designed to handle the complex lifecycle of a ride-hailing platform. The application features a comprehensive RESTful API architecture backed by a MySQL database, managing intricate relationships between users, trips, and transaction history. To ensure security and scalability, it implements role-based authentication via Spring Security and JWT, while integrating the Stripe API for seamless real-time payment processing.

## COMPETITIVE PROGRAMMING

- [LeetCode](#) (Rating : 1536)
- [CodeChef](#) (Rating : 1291)

## EDUCATION

### B.Tech in Computer Science

### January 2021 — July 2025

Alliance College of Engineering and Design, Bengaluru